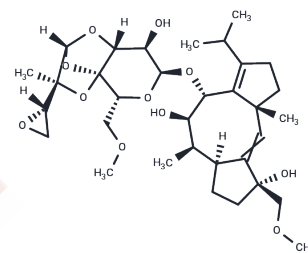


Cotylenin A

Chemical Properties

CAS No. :	12708-37-1
Formula:	C33H50O11
Molecular Weight:	622.744
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Cotylenin A is a phenanthraquinone compound that synergistically works with vitamin K2 to induce monocyte differentiation and growth arrest. It also inhibits c-Myc expression while inducing cyclin G2 expression in human leukemia HL-60 cells. Cotylenin A is applicable in acute myeloid leukemia research.
Targets(IC50)	c-Myc

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6058 mL	8.029 mL	16.0581 mL
5 mM	0.3212 mL	1.6058 mL	3.2116 mL
10 mM	0.1606 mL	0.8029 mL	1.6058 mL
50 mM	0.0321 mL	0.1606 mL	0.3212 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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